

What is claimed is:

1. A method for evaluating of sensitive data, comprising:
provisioning an evaluation module for descrambling scrambled and
5 stored sensitive data, including at least one predetermined evaluation option which
is at least one of inhabitable and enableable in the evaluation module by an
authorized person and to which expert rules are allocated for carrying out an
evaluation process, to which the evaluation module has access;
selecting an option from evaluation options enabled in the evaluation
10 module for a user; and
internally descrambling the scrambled data, evaluating the
descrambled data in accordance with at least one expert rule associated with the
selected evaluation option, and outputting an evaluation result using the evaluation
module, without making the descrambled data accessible during the evaluation
15 process.
2. The method as claimed in claim 1, wherein the evaluation module includes
at least one of a key and an algorithm for reconstruction of a key for
descrambling the scrambled data.
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3. The method as claimed in claim 2, wherein the algorithm produces the key
as a function of at least one of an input and of a biometric feature of the
authorized person.
- 25 4. The method as claimed in claim 1, wherein the sensitive data is scrambled
immediately after its recording, so that it is not accessible in unscrambled
form on a data storage medium.
5. The method as claimed in claim 1, wherein the expert rules are
30 implemented in the evaluation module.

6. The method as claimed in claim 1, wherein the expert rules are stored in a databank, to which the evaluation module has access while carrying out the method.
- 5 7. The method as claimed in claim 1, wherein the at least one of inhibiting and enabling of evaluation options in the evaluation module is permitted only after the authorized person has entered a predetermined user identification.
8. The method as claimed in claim 7, wherein, after entering the
10 predetermined user identification in the evaluation module, the authorized person is enabled to at least one of add further evaluation options and delete evaluation options.
9. The method as claimed in claim 1, wherein a selection option, from the
15 evaluation options enabled in the evaluation module, is provided by displaying a list of the enabled evaluation options on a monitor.
10. The method as claimed in claim 1, wherein the data is evaluated by the
20 evaluation module only after a predetermined access code has been entered.
11. The method as claimed in claim 1, wherein the scrambled data and the evaluation module are stored on a common data storage medium.
12. The method as claimed in claim 1, wherein the scrambled data and the
25 evaluation module are stored on separate data storage media.
13. The method as claimed in claim 1, wherein at least one of the scrambled data and the evaluation module is stored on a portable data storage medium.
- 30 14. The method as claimed in claim 1, wherein the evaluation options include questions.

15. The method as claimed in claim 1, wherein the evaluation options are selected using the associated expert rules such that they do not allow any conclusion to be drawn from the evaluation result relating to individual sensitive data items.

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16. The method as claimed in claim 1, wherein the authorized person is provided with a means for descrambling the scrambled data.

17. A system for evaluating sensitive data, comprising:

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an input interface;

an output interface; and

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an evaluation module for descrambling scrambled data, including at least one predetermined evaluation option which is at least one of inhibitable and enableable in the evaluation module by an authorized person and to which expert rules are allocated for carrying out the evaluation, to which the evaluation module has access, the evaluation module adapted to internally descramble the scrambled data, evaluate the descrambled data in accordance with at least one expert rule associated with a selected evaluation option, and output an evaluation result via the output interface.

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18. The system as claimed in claim 17, wherein evaluation module includes at least one of a key and an algorithm for reconstruction of a key.

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19. The system as claimed in claim 18, wherein the algorithm produces the key as a function of at least one of an input and a biometric feature of the authorized person.

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20. The system as claimed in claim 17, wherein the expert rules are implemented in the evaluation module.

21. The system as claimed in claim 17, wherein the expert rules are stored in a databank, to which the evaluation module has access while carrying out the method.
- 5 22. The system as claimed in claim 17, wherein the evaluation module is designed such that it allows evaluation options to be at least one of inhibited and enabled only after entering a predetermined user identification.
- 10 23. The system as claimed in claim 22, wherein the evaluation module is designed such that further evaluation options can be at least one of added and deleted, after entering the predetermined user identification.
- 15 24. The method as claimed in claim 17, wherein the evaluation module is designed to display enabled evaluation options on a monitor.
- 20 25. The method as claimed in claim 17, wherein the evaluation module is designed such that it evaluates the data only after a predetermined access code has been entered.
26. The method as claimed in claim 17, wherein the scrambled data and the evaluation module are stored on a common data storage medium.
- 25 27. The method as claimed in claim 17, wherein the scrambled data and the evaluation module are stored on separate data storage media.
28. The method as claimed in claim 17, wherein at least one of the scrambled data and the evaluation module is stored on a portable data storage medium.
- 30 29. The method as claimed in claim 17, wherein the evaluation options are questions.

30. The method as claimed in claim 2, wherein the sensitive data is scrambled immediately after its recording, so that it is not accessible in unscrambled form on a data storage medium.

5 31. The method as claimed in claim 3, wherein the sensitive data is scrambled immediately after its recording, so that it is not accessible in unscrambled form on a data storage medium.

32. A method for evaluating sensitive data using an evaluation module,
10 adapted to descrambling scrambled and stored sensitive data, including at least one evaluation option which is at least one of inhibitable and enableable in the evaluation module by an authorized person and to which expert rules are allocated for carrying out an evaluation process, the method comprising:

15 selecting an option from evaluation options enabled in the evaluation module for a user; and

internally descrambling the scrambled data, evaluating the descrambled data in accordance with at least one expert rule associated with the selected evaluation option, and outputting an evaluation result using the evaluation module, without making the descrambled data accessible during the evaluation
20 process.

33. The method as claimed in claim 32, wherein the evaluation module includes at least one of a key and an algorithm for reconstruction of a key for descrambling the scrambled data.

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34. The method as claimed in claim 33, wherein the algorithm produces the key as a function of at least one of an input and of a biometric feature of the authorized person.

30 35. The method as claimed in claim 32, wherein the sensitive data is scrambled immediately after its recording, so that it is not accessible in unscrambled form on a data storage medium.

36. The method as claimed in claim 32, wherein the at least one of inhibiting and enabling of evaluation options in the evaluation module is permitted only after the authorized person has entered a predetermined user identification.

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37. The method as claimed in claim 36 wherein, after entering the predetermined user identification in the evaluation module, the authorized person is enabled to at least one of add further evaluation options and delete evaluation options.

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38. The method as claimed in claim 32, wherein a selection option, from the evaluation options enabled in the evaluation module, is provided by displaying a list of the enabled evaluation options on a monitor.

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39. The method as claimed in claim 32, wherein the scrambled data and the evaluation module are stored on a common data storage medium.

40. The method as claimed in claim 32, wherein the scrambled data and the evaluation module are stored on separate data storage media.

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41. The method as claimed in claim 32, wherein at least one of the scrambled data and the evaluation module is stored on a portable data storage medium.

42. An evaluation module for descrambling scrambled data, including:

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at least one predetermined evaluation option which is at least one of inhabitable and enableable in the evaluation module by an authorized person and to which expert rules are allocated for carrying out the evaluation, to which the evaluation module has access; and

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means for internally descrambling the scrambled data, evaluating the descrambled data in accordance with at least one expert rule associated with a selected evaluation option, and outputting an evaluation result via the output interface.

43. The module as claimed in claim 42, wherein evaluation module includes at least one of a key and an algorithm for reconstruction of a key.

5 44. The module as claimed in claim 43, wherein the algorithm produces the key as a function of at least one of an input and a biometric feature of the authorized person.

45. The module as claimed in claim 42, wherein the expert rules are implemented in the evaluation module.

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46. The module as claimed in claim 42, wherein the expert rules are stored in a databank, to which the evaluation module has access while carrying out the method.

15 47. The system as claimed in claim 42, wherein the evaluation module is designed such that it allows evaluation options to be at least one of inhibited and enabled only after entering a predetermined user identification.

20 48. The module as claimed in claim 47, wherein the evaluation module is designed such that further evaluation options can be at least one of added and deleted, after entering the predetermined user identification.

25 49. The module as claimed in claim 42, wherein the evaluation module further is adapted to display enabled evaluation options on a monitor.

50. The module as claimed in claim 42, wherein the evaluation module is designed such that it evaluates the data only after a predetermined access code has been entered.

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51. The module as claimed in claim 42, wherein the evaluation module is stored on a common data storage medium with the scrambled data.

52. The module as claimed in claim 42, wherein the evaluation module and the scrambled data are stored on separate data storage media.
53. The module as claimed in claim 42, wherein at least one of the scrambled data and the evaluation module is stored on a portable data storage medium.
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